

Improvements and Known Issues for Road Characteristic Data Layer Fourth Quarter 2012 Release

The following improvements have been made to the Road Characteristics Layer (RD_CHAR_MLPST) since the last quarter release

1. The following fields were added and populated:
 - MP_LENGTH
 - LANE_MILES
 - SPTLLN_TYP_CD
 - TOLL_TYP_CD
2. Improvements were made to the following attribute:
 - FCLTY_TYP_CD
 - i. Grade-separated ramps have been loaded (data was sparsely populated in previous publications)
 - ii. Couplets have been reviewed and verified. There is a net loss of 7.5 miles of State-Maintained roads because of instances where roads had been erroneously coded as couplets (the non-inventory couplet mileage decreased from 36.2 to 28.6 miles).
3. Improvements made to the HPMS Samples:
 - 644 samples were added
 - Adjustments made to existing samples to match TOPS boundaries

The following are known data quality issues

1. There are some routes that do not have correct milepost values and should not be used for dynamic segmentation using the route/milepost linear referencing method. The following routes have known mile posting issues that should be corrected in the future releases.
 - US-1 Bus Southbound in Lee
 - US-117 Bus Southbound in Wilson
 - US-401 Bus Southbound in Scotland
 - US-501 Bus Southbound in Durham
 - NC-16 Bus Southbound in Catawba
2. The Beginning and Ending Intersection fields do not include intersections with non-state maintained roads. In some cases, non-state maintained roads that start or end at another road are listed in the intersection fields of the intersecting roads.